

# SunSet™ ADSL

April 1997

rev B

B  
SUNRISE TELECO  
INCORPORATED

## PRELIMINARY SPECIFICATIONS

### CONNECTORS

ADSL interface: RJ45 and Bantam.  
POTS interface: RJ11 handset.  
Serial Port - 8 pin Mini DIN RS232C (V.24), DTE.  
DC power jack.

### DIGITAL DMM

DCV: 500 Volt full scale, +/- 1%.  
ACV: 400 Volt full scale, +/- 1%.  
DCA: 400 mA full scale, +/- 1%.  
ACA: 400 mA full scale, +/- 1%.  
Resistance: 40 Mohm full scale, +/- 1%.  
Capacitance: 40 uF full scale, +/- 1%.

### DIGITAL TIMS

Wideband TIMS: 1 Hz to 1.1 MHz.  
IEEE 743 F & G filter noise measurement.  
Signal to Noise (S/N) measurement.  
Sweep tone generation: 1 Hz to 1.1 MHz.

### TDR

Range: 0 to 18,000'.  
Adjustable velocity: 0.4 to 1.0.  
Pulse: 10 Vpp, 20 to 500 nanosecond.  
Display results to LCD screen.  
Store 3 previous test results in graphical format.

### ADSL

Alcatel chip set implementation.  
Establish ADSL link with far end modem.  
Up/down stream bit rate verification and BERT test.

### POTS SPLITTER EMULATION

Emulate POTS splitter applications.  
Provide direct handset interface/built-in hook control.  
POTS shunt circuit on/off control.

### GENERAL

Size: 10.5 x 6 x 27 cm (4 x 2.4 x 10.5")  
Weight: 1.3 Kg (2.8 lb)  
Construction: PC+ABS high-impact plastic.  
Display: 32x16 graphic LCD with backlight  
18 bi-color LEDs.  
Battery: Rechargeable, field-replaceable NiMH pack.  
Provides 5 hrs of continuous use (nominal).  
Charger: Universal design with IEC power cable connector.  
11 x 6 x 3.5 cm (4.3 x 2.4 x 1.4") with 122 cm (4')  
extension cable attached.  
9.75 oz.



100 VAC - 240 VAC input.  
15 VDC, 2A output.  
Fast recharge in 3 hours (nominal).  
UL, CSA, CE approved.  
Upgrade options via field-replaceable SunWare™ cartridge.

### ENVIRONMENTAL

Operating temperature: 0 to 50 °C (32 to 122 °F)  
Storage temperature: -20 to 70 °C (-4 to 158 °F)  
Humidity: 5% to 90% noncondensing

Note: Specifications subject to change without notice.